

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>10559-127002</b>	Application No. <b>10/780,330</b>
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant <b>Wolrich et al.</b>	
		Filing Date <b>February 17, 2004</b>	Group Art Unit <b>2187</b>

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/PT/	AA	2001/0023487	09/2001	Kawamoto			
	AB	2002/0027448	03/20002	Bacigalupo			
	AC	2002/0041520	04/2002	Wolrich et al.			
	AD	2002/0075878	06/2002	Lee et al.			
	AE	2002/0118692	08/2002	Oberman et al.			
	AF	2002/0150047	10/2002	Knight et al.			
	AG	2002/0181194	12/2002	Ho et al.			
	AH	2003/0043803	03/2003	Hooper			
	AI	2003/0067934	04/2003	Hooper et al.			
	AJ	2003/0086434	05/2003	Kloth			
	AK	2003/0105901	06/2003	Wolrich et al.			
	AL	2003/0105917	06/2003	Ostler et al.			
	AM	2003/0110166	06/2003	Wolrich et al.			
	AN	2003/0115347	06/2003	Wolrich et al.			
	AO	2003/0115426	06/2003	Rosenbluth et al.			
	AP	2003/0131198	07/2003	Wolrich et al.			
	AQ	2003/0140196	07/2003	Wolrich et al.			
	AR	2003/0145159	07/2003	Adiletta et al.			
	AS	2003/0147409	08/2003	Wolrich et al.			
	AT	2003/0161303	08/2003	Mehrvar et al.			
	AU	2003/0161337	08/2003	Weinman			
	AV	2003/0196012	10/2003	Wolrich et al.			
	AW	2003/0210574	11/2003	Wolrich et al.			
	AX	2003/0231635	12/2003	Kalkunte et al.			
	AY	2004/0039895	02/2004	Wolrich et al.			
	AZ	2004/0052269	03/2004	Hooper et al.			
/PT/	BA	2004/0054880	03/2004	Bernstein et al.			

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/PT/	BB	2004/0059828	03/2004	Hooper et al.			
	BC	2004/0071152	04/2004	Wolrich et al.			
	BD	2004/0073728	04/2004	Wolrich et al.			
	BE	2004/0073778	04/2004	Adiletta et al.			
	BF	2004/0085901	05/2004	Hooper et al.			
	BG	2004/0098496	05/2004	Wolrich et al.			
	BH	2004/0109369	06/2004	Wolrich et al.			
	BI	2004/0148382	07/2004	Narad et al.			
	BJ	2004/0162933	08/2004	Adiletta et al.			
	BK	2004/0252686	12/2004	Hooper et al.			
	BL	2005/0033884	02/2005	Wolrich et al.			
	BM	2005/0149665	07/2005	Wolrich et al.			
	BN	2006/0007871	01/2006	Welin			
	BO	2006/0069882	03/2006	Wheeler et al.			
	BP	2006/0156303	07/2006	Hooper et al.			
	BQ	3,623,001	11/1971	Kleist et al.			
	BR	3,736,566	05/1973	Anderson et al.			
	BS	3,889,243	06/1975	Drimak			
	BT	4,658,351	04/1987	Teng			
	BU	4,709,347	11/1987	Kirk			
	BV	4,858,108	08/1989	Ogawa et al.			
	BW	4,890,218	12/1989	Bram			
	BX	4,890,222	12/1989	Kirk			
	BY	5,251,205	10/1993	Callon et al.			
	BZ	5,313,454	05/1994	Bustini et al.			
	CA	5,379,295	01/1995	Yonehara			
/PT/	CB	5,404,469	04/1995	Chung et al.			

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/PT/	CC	5,452,452	09/1995	Gaetner et al.			
	CD	5,459,843	10/1995	Davis et al.			
	CE	5,475,856	12/1995	Kogge			
	CF	5,485,455	01/1996	Dobbins et al.			
	CG	5,515,296	05/1996	Agarwal			
	CH	5,539,737	07/1996	Lo et al.			
	CI	5,581,729	12/1996	Nistala et al.			
	CJ	5,617,327	04/1997	Duncan			
	CK	5,630,074	05/1997	Beltran			
	CL	5,630,130	05/1997	Perotto et al.			
	CM	5,649,110	07/1997	Ben-Nun et al.			
	CN	5,651,002	07/1997	Van Seters et al.			
	CO	5,692,126	11/1997	Templeton et al.			
	CP	5,724,574	03/1998	Stratigos et al.			
	CQ	5,754,764	05/1998	Davis et al.			
	CR	5,768,528	06/1998	Stumm			
	CS	5,781,551	07/1998	Born			
	CT	5,805,816	09/1998	Picazo, Jr. et al.			
	CU	5,809,237	09/1998	Watts et al.			
	CV	5,828,881	10/1998	Wang			
	CW	5,828,901	10/1998	O'Toole et al.			
	CX	5,838,988	11/1998	Panwar et al.			
	CY	5,850,399	12/1998	Ganmukhi et al.			
	CZ	5,898,686	04/1999	Virgile			
	DA	5,898,701	04/1999	Johnson			
	DB	5,933,627	08/1999	Parady			
/PT/	DC	5,938,736	08/1999	Muller et al.			

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/PT/	DD	5,953,336	09/1999	Moore et al.			
	DE	5,968,169	10/1999	Pickett			
	DF	5,974,518	10/1999	Nogradi			
	DG	6,032,190	02/2000	Bremer et al.			
	DH	6,032,218	02/2000	Lewin et al.			
	DI	6,047,002	04/2000	Hartmann et al.			
	DJ	6,049,867	04/2000	Eickemeyer et al.			
	DK	6,067,300	05/2000	Baumert et al.			
	DL	6,085,248	07/2000	Sambamurthy et al.			
	DM	6,104,700	08/2000	Haddock et al.			
	DN	6,122,251	09/2000	Shinohara			
	DO	6,128,669	10/2000	Moriarty et al.			
	DP	6,141,677	10/2000	Hanif et al.			
	DQ	6,212,544	04/2001	Borkenhagen et al.			
	DR	6,223,243	04/2001	Ueda et al.			
	DS	6,269,391	07/2001	Gillespie			
	DT	6,272,109	08/2001	Pei et al.			
	DU	6,272,520	08/2001	Sharangpani et al.			
	DV	6,282,169	08/2001	Kiremidjian			
	DW	6,295,600	09/2001	Parady			
	DX	6,311,261	10/2001	Chamdani et al.			
	DY	6,320,861	11/2001	Adam et al.			
	DZ	6,349,331	02/2002	Andra et al.			
	EA	6,359,911	03/2002	Movshovich et al.			
	EB	6,360,277	03/2002	Ruckley et al.			
	EC	6,377,998	04/2002	Noll et al.			
/PT/	ED	6,389,031	05/2002	Chao et al.			

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U.S. Patent Documents							
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/PT/	EE	6,393,026	05/2002	Irwin			
	EF	6,404,737	06/2002	Novik et al.			
	EG	6,418,488	07/2002	Chilton et al.			
	EH	6,424,657	07/2002	Voit et al.			
	EI	6,424,659	07/2002	Viswanadham et al.			
	EJ	6,426,943	07/2002	Spinney et al.			
	EK	6,438,132	08/2002	Vincent et al.			
	EL	6,438,134	08/2002	Chow et al.			
	EM	6,448,812	09/2002	Bacigalupo			
	EN	6,457,015	09/2002	Eastham			
	EO	6,463,035	10/2002	Moore			
	EP	6,477,562	11/2002	Nemirovsky et al.			
	EQ	6,484,224	11/2002	Robins et al.			
	ER	6,501,731	12/2002	Chong et al.			
	ES	6,507,862	01/2003	Joy et al.			
	ET	6,522,188	02/2003	Poole			
	EU	6,526,451	02/2003	Kasper			
	EV	6,526,452	02/2003	Petersen et al.			
	EW	6,553,406	04/2003	Berger et al.			
	EX	6,570,850	05/2003	Gutierrez et al.			
	EY	6,628,668	09/2003	Hutzli et al.			
	EZ	6,629,147	09/2003	Grow			
	FA	6,629,236	09/2003	Aipperspach et al.			
	FB	6,631,422	10/2003	Althaus et al.			
	FC	6,657,963	12/2003	Paquette et al.			
	FD	6,658,551	12/2003	Berenbaum et al.			
/PT/	FE	6,661,774	12/2003	Lauffenburger et al.			

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U.S. Patent Documents							
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/PT/	FF	6,665,699	12/2003	Hunter et al.			
	FG	6,665,755	12/2003	Modelski et al.			
	FH	6,675,190	01/2004	Schabernack et al.			
	FI	6,675,192	01/2004	Emer et al.			
	FJ	6,678,746	01/2004	Russell et al.			
	FK	6,680,933	01/2004	Cheesman et al.			
	FL	6,684,326	01/2004	Cromer et al.			
	FM	6,697,379	02/2004	Jacquet et al.			
	FN	6,721,325	04/2004	Duckering et al.			
	FO	6,724,767	04/2004	Chong et al.			
	FP	6,728,845	04/2004	Adiletta			
	FQ	6,732,187	05/2004	Lougheed et al.			
	FR	6,754,211	06/2004	Brown			
	FS	6,754,222	06/2004	Joung et al.			
	FT	6,768,717	07/2004	Reynolds et al.			
	FU	6,775,284	08/2004	Calvignac et al.			
	FV	6,798,744	09/2004	Loewen et al.			
	FW	6,826,615	11/2004	Barrall et al.			
	FX	6,834,053	12/2004	Stacey et al.			
	FY	6,850,521	02/2005	Kadambi et al.			
	FZ	6,856,622	02/2005	Calamvokis et al.			
	GA	6,873,618	03/2005	Weaver			
	GB	6,876,561	04/2005	Wolrich et al.			
	GC	6,895,457	05/2005	Wolrich et al.			
	GD	6,925,637	08/2005	Thomas et al.			
	GE	6,931,641	08/2005	Davis et al.			
/PT/	GF	6,934,780	08/2005	Modelski et al.			

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U.S. Patent Documents							
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/PT/	GG	6,934,951	08/2005	Wilkinson et al.			
	GH	6,938,147	08/2005	Joy et al.			
	GI	6,944,850	09/2005	Hooper et al.			
	GJ	6,947,425	09/2005	Hooper et al.			
	GK	6,952,824	10/2005	Hooper et al.			
	GL	6,959,002	10/2005	Wynne et al.			
	GM	6,967,963	11/2005	Houh et al.			
	GN	6,976,095	12/2005	Wolrich et al.			
	GO	6,981,077	12/2005	Modelski et al.			
	GP	6,983,350	01/2006	Wheeler et al.			
	GQ	7,006,495	02/2006	Hooper			
	GR	7,065,569	06/2006	Teraslinna			
	GS	7,069,548	06/2006	Kushlis			
	GT	7,096,277	08/2006	Hooper			
	GU	7,100,102	08/2006	Hooper et al.			
	GV	7,111,072	09/2006	Matthews et al.			
	GW	7,111,296	09/2006	Wolrich et al.			
	GX	7,124,196	10/2006	Hooper			
	GY	7,126,952	10/2006	Hooper et al.			
	GZ	7,149,786	12/2006	Bohringer et al.			
	HA	7,181,742	02/2007	Hooper			
	HB	7,191,321	03/2007	Bernstein et al.			
	HC	7,206,858	04/2007	Hooper et al.			
/PT/	HD	7,248,584	07/2007	Hooper			

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
/PT/	HE	0 773 648	05/1997	EPO				
↓	HF	0 959 602	11/1999	EPO			X	
	HG	WO 98/20647	05/1998	WIPO				
	HH	WO 00/38376	06/2000	WIPO				
	HI	WO 00/56024	09/2000	WIPO				
	HJ	WO 01/16718	03/2001	WIPO				
	HK	WO 01/17179	03/2001	WIPO				
↓	HL	WO 01/31856	05/2001	WIPO				
/PT/	HM	WO03/030461	04/2003	WIPO				

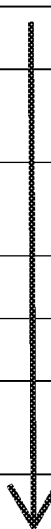

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/PT/	HN	"Enterprise Hardware, Intel Expected to Unveil New Networking Chip," News.Com, August 26, 1999, < <a href="http://new.com.com/Intel+expected+to+unveil+new+networking+chip/2100-1001_3-230315.html">http://new.com.com/Intel+expected+to+unveil+new+networking+chip/2100-1001_3-230315.html</a> > (accessed on 08/23/05), pages 1-5.
↓	HO	"The ATM Forum Technical Committee Traffic Management Specification Version 4.1", The ATM Forum (March, 1999).
	HP	Agarwal et al., "April: A Processor Architecture for Multiprocessing," Proceedings of the 17th Annual International Symposium on Computer Architecture, <i>IEEE</i> , pp. 104-114, (1990).
	HQ	Chandranmenon, G.P., et al., "Trading Packet Headers for Packet Processing", <i>IEEE/ACM Transactions on Networking</i> , 4(2):141-152, April 1996.
	HR	Chappell, et al., "Simultaneous Subordinate Microthreading (SSMT)", <i>IEEE</i> , pg. 186-195 (1999).
	HS	<u>Dictionary of Computer Words: An A to Z Guide to Today's Computers, Revised Edition</u> , Houghton Mifflin Company: Boston, Massachusetts, pp. 220, (1995).
	HT	<u>Digital Semiconductor 21140A PCI Fast Ethernet LAN Controller, Hardware Reference Manual</u> , Digital Equipment Corporation, pages i-x, 1-1 through 1-5, 2-1 through 2-12, 3-1 through 3-38, 4-31 through 5-2, 6-1 through 6-24, (March 1998).
	HU	Farrens, et al., "Strategies for Achieving Improved Processor Throughput", <i>ACM</i> , pg. 362-369 (1991).
↓	HV	Giroux, N., et al., "Queuing and Scheduling: Quality of Service in ATM Networks, Chapter 5", <u>Quality of Service in ATM Networks: State-of-the-Art Traffic Management</u> , pp. 96-121 (1998).
	HW	Govind, et al., "Performance modeling and architecture exploration of network processors", <i>Quantitative Evaluation of Systems</i> , abstract only (1 page), Sep. 2005.
/PT/	HX	Kaiserswerth, M., "The Parallel Protocol Engine", <i>IEEE/ACM Transactions on Networking</i> , 1(6):650-663, December 1993.

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/PT/	HY	Khailany, B., et al., "Imagine: Media Processing with Streams," IEEE Micro, March-April 2001, pp. 35-46.
	HZ	Leon-Garcia, A., <u>Communication Networks: Fundamental Concepts and Key Architectures</u> , McGraw-Hill Higher Education, Copyright 2000, pp. 195-198, 215-219, & 380-385.
	IA	Lim, A., et al., "Improving Performance of Adaptive Media Access Control Protocols for High-Density Wireless Networks", <i>Proceedings of the 1999 International Symposium on Parallel Architectures, Algorithms and Networks (ISPAN '99)</i> , pp. 316-321, June 1999.
	IB	Mollenauer, J.F., et al., "An Efficient Media Access Control Protocol for Broadband Wireless Access Systems", <i>IEEE Standard, IEEE 802.16 Broadband Wireless Access Working Group</i> , 19 pages, October 1999.
	IC	Ocheltree, K.B., et al., "A comparison of fibre channel and 802 MAC services", <i>Proceedings of 18th Conference on Local Computer Networks</i> , abstract only, 1 page, September 1993.
	ID	Shaw, M.C., et al., <u>UNIX Internals: A Systems Operations Handbook</u> , Windcrest Books, pp. 30-37, 1987.
	IE	Todorova, P., et al., "Quality-of-Service-Oriented Media Access Control for Advanced Mobile Multimedia Satellite Systems", <i>Proceedings of the 36th Annual Hawaii International Conference on System Sciences (HICSS'03)</i> , 8 pages, January 2003.
	IF	Vuppala, V., et al., "Layer-3 switching using virtual network ports", <i>IEEE Proc. Computer Communications and Networks</i> , pp. 642-648, 1999.
	IG	Wikipedia entry, "Media Access Control", retrieved from <a href="http://en.wikipedia.org/wiki/Media_access_control">http://en.wikipedia.org/wiki/Media_access_control</a> , 2 pages, July 31, 2007.

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